

**1383 Regulatory Concepts Workshop**  
**Attachment I –Organic Waste Definition**  
**February 2017**

**Proposed Regulatory Definition:** "Organic waste" means solid wastes containing material originated from living organisms and their metabolic waste products, including but not limited to food, green waste, landscape and pruning waste, applicable textiles and carpets, wood, lumber, fiber, biosolids, digestate and sludges.

The proposed definition is consistent with the calculations supporting the California Air Resources Board's Short Lived Climate Pollutant Strategy calling for a 40% reduction in methane emissions by 2030, and with the methane reduction targets required by SB 1383. The 40% reduction mandate will be met by implementing several strategies, including regulations designed to reduce 4 MMtCO<sub>2</sub>e methane emission reductions from landfills. To achieve this quantity of emission reductions, CalRecycle's efforts must include all material of biogenic origin in its regulations. While certain portions of the organic waste stream may not currently have recycling options, these materials must still be considered as part of the baseline to achieve the greenhouse gas reductions laid out in ARB's Scoping Plan, and either be reduced or be considered as part of the 25% that continues going to the landfill.

Categories of organic waste as delineated in the 2014 Waste Characterization Study:<sup>1</sup>

Material Type	Material	% Waste Stream	Tons Material
Inerts and Other	Other Wood Waste	4.9%	1,527,318
Inerts and Other	Clean Dimensional Lumber	3.2%	976,096
Inerts and Other	Clean Pallets & Crates	2.1%	650,072
Inerts and Other	Clean Engineered Wood	1.7%	523,223
Other Organic	Food	18.1%	5,591,179
Other Organic	Remainder/Composite Organic	4.3%	1,323,465
Other Organic	Textiles	4.0%	1,234,711
Other Organic	Leaves and Grass	3.8%	1,172,925
Other Organic	Prunings and Trimmings	3.1%	962,262
Other Organic	Carpet	1.8%	570,212
Other Organic	Branches and Stumps	1.7%	528,493
Other Organic	Manures	0.6%	174,808
Paper	Remainder/Composite Paper - Compostable	6.6%	2,024,520
Paper	Other Miscellaneous Paper - Other	3.7%	1,146,978
Paper	Uncoated Corrugated Cardboard	3.1%	964,942
Paper	Newspaper	1.2%	372,966
Paper	Remainder/Composite Paper - Other	0.6%	196,120
Paper	Magazines and Catalogs	0.6%	178,166
Paper	White Ledger Paper	0.4%	121,637
Paper	Remainder/Composite Paper - Rigid Food & Beverage Cartons	0.3%	104,408
Paper	Other Office Paper	0.3%	103,845
Paper	Paper Bags	0.2%	70,627
Paper	Other Miscellaneous Paper - Compostable	0.2%	68,942
Paper	Phone Books and Directories	0.0%	14,583
Total		66.8%	20,602,497

<sup>1</sup> The numbers in this table are presented to indicate the general categories and amounts of various types of organic materials disposed in 2014.